Characteristics of Career and College Ready Students

Michigan Literacy Anchor Standards	National Research Council (NRC) Science and Engineering Practices	Michigan Social Studies HSCE-GLCE	Michigan Mathematics Practices	Michigan Visual, Performing, and Applied Arts (VPAA) Guidelines	CTE Career Ready Practices
Technology and Tools					
• Integrate and evaluate content presented in diverse formats and media • Use digital media and visual displays of data to express information; produce and publish writing, interact and collaborate with others; and gather relevant information from multiple sources	• Use mathematics, information and computer technology, and computational thinking • Develop and use models	• Compose written, spoken, and/or multimedia compositions in a range of genres … that serve a variety of purposes • Know how to find and organize information from a variety of sources	• Use appropriate tools strategically • Model with mathematics	• Create preliminaries, possibilities and drafts • Acquire knowledge and skills	• Apply appropriate academic and technical skills • Use technology to enhance productivity
Argument and Reasoning					
• Evaluate argument and claims in a text, speech, or write arguments to support claims • Draw evidence from literary and informational texts to support analysis, reflection, and research • Present information, findings, and supporting evidence	• Engage in argument from evidence • Analyze and interpret data	• Present a coherent thesis when making an argument, support with evidence, articulate and answer possible objections, and present a concise, clear closing • Write persuasive/ argumentative essays expressing and justifying decisions on public policy issues	• Construct viable arguments and critique the reasoning of others • Reason abstractly and quantitatively	• Recognize patterns and relationships • Questions, problems, needs, reflections, and revisions	• Consider the environmental, social and economic impacts of decisions • Employ valid and reliable research strategies

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Communication and Collaboration				
• Effectively converse and collaborate with diverse partners • Use language to comprehend more fully when reading or listening • Produce clear and coherent writing	• Obtain, evaluate, and communicate information	• Develop and refine a position, claim… that will be explored and supported by analyzing different perspectives • Deeply examine policy issues in group discussions and debates (clarify issues, consider opposing views, apply democratic values or constitutional principles, anticipate consequences) to make reasoned and informed decisions	• Attend to precision	• Exhibit, perform, present, or publish • Apply techniques and skills to communicate	• Act as a responsible and contributing citizen and employee • Communicate clearly, effectively and with reason • Model integrity, ethical leadership and effective management • Work productively in teams while using cultural/global competence
Problem Solving				
• Integrate multiple sources of information in order to make informed decisions and solve problems • Conduct research projects	• Ask questions (science) and define problems (engineering) • Plan and carry out investigations • Construct explanations (science) and design solutions (engineering)	• Clearly state an issue as a question of public policy; trace the origins of an issue; analyze various perspectives; and generate and evaluate possible alternative resolutions • Use deductive and inductive problem-solving skills as appropriate to the problem being studied	• Make sense of problems and persevere in solving them • Look for and make sense of structure • Look for and express regularity in repeated reasoning	• Present art, products, or solutions • Problem solve, make critical decisions, and edits • Experiment and search out problems	• Attend to personal health and financial well-being • Demonstrate creativity and innovation • Utilize critical thinking to make sense of problems and persevere in solving them • Plan education and career path aligned to personal goals

Career and College Ready Students...

· use **technology and tools** strategically in learning and communicating,

· use **argument and reasoning** to do research, construct arguments, and critique the reasoning of others,

· **communicate and collaborate** effectively with a variety of audiences,

· **solve problems**, construct explanations and design solutions.

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